

"VARIABLE"	"DESCRIPTION"	"UNITS"	"RANGE_LOW"	"RANGE_HIGH"
"LEGAL_VALUES"				
"DATE_COL"	"Date of field collection"			
"FW_ECO3"	"Three climatic regions of the US used in WSA in indicator development: Eastern Highlands, West, and Plains and Lowlands"			
"MMI_PERI_EHIGH"	"Periphyton multimetric index score for Eastern Highlands"	" "	0 100	" "
"MMI_PERI_PLNLOW"	"Periphyton multimetric index score for Plains and Lowlands"	" "	0 100	" "
"MMI_PERI_WMTNS"	"Periphyton multimetric index score for West and Mountains"	" "	0 100	" "
"NFAMILIES_VALVE"	"Number of diatom families per valve counted"	" "		0
"NFAMILIES_VALVE_PT"	"Score for NFAMILIES_VALVE used in MMI"	" "	10	0
"NFAMILIES_VALVE_RES"	"Modeled residual for NFAMILIES_VALVE used in scoring"	" "		
"PERI_MMI_COND"	"Periphyton assemblage condition, based on regional MMI"	" "	"Good Fair Poor No Data"	
"PIHMOTD_VDIA"	"Proportion of valves of diatoms that are in taxa characterized as highly motile in sediments"	" "	0 1	" "
"PIHMOTD_VDIA_PT"	"Score for PIHMOTD_VDIA used in MMI"	" "	0	10
"PIHMOTD_VDIA_RES"	"Modeled residual for PIHMOTD_VDIA used in scoring"	" "		
"PIPLNK_VDIA"	"Proportion of diatom valves as planktonic taxa"	" "	0 1	" "
"PIPLNK_VDIA_PT"	"Score for PIPLNK_VDIA used in MMI"	" "	0	10
"PIPLNK_VDIA_RES"	"Modeled residual for PIPLNK_VDIA used in scoring"	" "		
"PISTLK_VDIA"	"Proportion of valves of diatoms that are in taxa characterized as highly stalked"	" "	0 1	" "
"PISTLK_VDIA_PT"	"Score for PISTLK_VDIA used in MMI"	" "	0	10
"PISTLK_VDIA_RES"	"Modeled residual for PISTLK_VDIA used in scoring"	" "		
"PT_DISTMMISENS"	"Proportion of diatom taxa characteristically found at minimally disturbed sites in the Western EMAP project"	" "	0	1
"PT_DISTMMISENS_PT"	"Score for PT_DISTOTMMISENS used in MMI"	" "	0 10	
"PT_DISTMMISENS_RES"	"Modeled residual for PT_DISTOTMMISENS used in scoring"	" "		
"PTSENS_ACHNANTHACEAE"	"Proportion of taxa characteristically found at minimally disturbed sites in the Western EMAP project in the diatom family Achnanthaceae"	" "	0 1	" "
"PTSENS_ACHNANTHACEAE_PT"	"Score for PTSENS_ACHNANTHACEAE used in MMI"	" "	0 10	
"PTSENS_ACHNANTHACEAE_RES"	"Modeled residual for PTSENS_ACHNANTHACEAE used in scoring"	" "		

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"PTSENS_DIATOMACEAE"    "Proportion of taxa characteristically found at
minimally disturbed sites in the Western EMAP project in the diatom
family Diatomaceae"    ""    0    1    ""
"PTSENS_DIATOMACEAE_PT"    "Score for PTSENS_DIATOMACEAE used in MMI"
""    0    10    ""
"PTSENS_DIATOMACEAE_RES"    "Modeled residual for PTSENS_DIATOMACEAE
used in scoring"    ""    ""
"PTSENS_NAVICULACEAE"    "Proportion of taxa characteristically found at
minimally disturbed sites in the Western EMAP project in the diatom
family Naviculaceae"    ""    0    1    ""
"PTSENS_NAVICULACEAE_PT"    "Score for PTSENS_NAVICULACEAE used in MMI"
""    0    10    ""
"PTSENS_NAVICULACEAE_RES"    "Modeled residual for PTSENS_NAVICULACEAE
used in scoring"    ""    ""
"PTTOL_NAVICULACEAE"    "Proportion of taxa characteristically found at
highly disturbed sites in the Western EMAP project in the diatom family
Naviculaceae"    ""    0    1    ""
"PTTOL_NAVICULACEAE_PT"    "Score for PTTOL_NAVICULACEAE used in MMI"
""    0    10    ""
"PTTOL_NAVICULACEAE_RES"    "Modeled residual for PTTOL_NAVICULACEAE
used in scoring"    ""    ""
"PTTOL_NITZSCHIACEAE"    "Proportion of taxa characteristically found at
highly disturbed sites in the Western EMAP project in the diatom family
Nitzschiaceae"    ""    0    1    ""
"PTTOL_NITZSCHIACEAE_PT"    "Score for PTTOL_NITZSCHIACEAE used in MMI"
""    0    10    ""
"PTTOL_NITZSCHIACEAE_RES"    "Modeled residual for PTTOL_NITZSCHIACEAE
used in scoring"    ""    ""
"S_N_DIAT"    "Number of NRSA diatom taxa per valve counted"    ""    0
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"SAMPLE_TYPE"    "Sample type"
"SITE_ID"    "Site identification code"
"UID"    "Unique site visit ID"
"VISIT_NO"    "Visit number for that year"

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